

Agenda:

Friday, December 9

6:00 a.m. **Registration — Third Floor Promenade**
Continental Breakfast — America's Hall

Introductions

7:15 a.m. **Shalom Jacobovitz**
Chief Executive Officer
American College of Cardiology

Richard A. Chazal, MD, FACC
President
American College of Cardiology

Timothy J. Malins, MD, FACC
President, New York State Chapter
American College of Cardiology

Cardiovascular and Coronary Artery Disease — Challenges in 2016

Session I: New Frontiers

Dr. Bhatt, Presiding

7:30 a.m. **New Frontiers in Cardiovascular Scientific and Funding Challenges**
From Disease to Health, From Aging to Birth
Dr. Fuster

8:00 a.m. **New Frontiers in Atherosclerotic Disease and Myocardial Infarction**
From Local Inflammation to Systemic Progenital Stem Cells Reaction
Dr. Nahrendorf

8:25 a.m. **New Frontiers in the Evolving Field of Omics**
From Generic to a Personalized Cardiovascular Disease Management
Dr. Roberts

8:50 a.m. **Panel Discussion**
Drs. Fuster, Nahrendorf and Roberts

9:20 a.m. **Coffee Break – America's Hall**

Session II: Acute Coronary Syndromes

Dr. Halperin, Presiding

9:40 a.m. **STEMI 1 – Timing to Reperfusion/Reperfusion Injury**
A Multi-layer Challenge to Decrease Infarct Size
Dr. Ibanez

10:05 a.m. **STEMI 2 – Complete vs. Lesion Only Primary PCI**
Towards a Personalized Approach
Dr. Bhatt

Agenda - cont.:

Friday, December 9 - cont.

10:30 a.m. STEMI vs. NSTEMI vs. STABLE CAD – Post PCI Optimal DAPT Duration
Scoring the Complexity of Stenting and Disease
Dr. Yeh

10:55 a.m. STEMI vs. NSTEMI vs. STABLE CAD – Five Challenging Cases
Five Challenging Antithrombotic Approaches 
Dr. Halperin

11:20 a.m. Panel Discussion
Drs. Bhatt, Halperin, Ibanez and Yeh

12:00 p.m. Lunch – America's Hall

Session III: Chronic Coronary and Systemic Arterial Disease

Dr. Gersh, Presiding

1:00 p.m. Complex Stable CAD – Evolving Management Strategies
Anatomy (SYNTAX), Ischemia (FFR) and the Microcirculation (PET, CT, MRI)
Dr. Fuster

1:25 p.m. Revascularization in Severe Left Ventricular Dysfunction
Approach and Is the Assessment of Viability Still Viable?
Dr. Gersh

1:45 p.m. Acute Ischemic Stroke vs. Chronic Carotid Artery Stenosis
Evolving Acute Endovascular Approaches vs. Watching and Thinking
Dr. Yavagal

2:05 p.m. Evolving Challenges in the Evaluation and Treatment of Lower Extremity PAD
The Peripheral Academic Research Consortium (PARC)
Dr. Jones

2:25 p.m. Panel Discussion
Drs. Fuster, Gersh, Jones and Yavagal

2:55 p.m. Coffee Break – America's Hall

Session IV: Trends and Challenges of Approaching Prevention

Dr. Chazal, Presiding

3:15 p.m. Chest Pain Evaluation
No Test, Stress Test or CT Angio?
Dr. Douglas

3:35 p.m. Aspirin Therapy in Primary Cardiovascular Disease (CVD) Prevention
Only for Those at High CVD Risk, the Dose under Trials 
Dr. Patrono



Denotes contact hours in pharmacotherapeutics for nursing

Agenda - cont.:

3:55 p.m. Four Evolving “Thinkings” on Lipid Evaluation and Management
Cholesterol Genetics, ApoB, HDL-Influx Capacity and PCSK 9 Inhibitors 
Dr. Rader

4:15 p.m. Three Evolving “Thinkings” on Patients with High Blood Pressure (pHBP)
Identify All pHBP, Reduce Salt in All Foods and Personalize BP Rx Targets 
Dr. Messerli

4:35 p.m. The Four “Links” of Obesity – Diabetes, Fatty Liver, Cardiomyopathy and AF
The Potential Benefit and Rapid Evolution of Bariatric Surgery
Dr. Farkouh

4:55 p.m. Panel Discussion
Drs. Douglas, Farkouh, Messerli, Patrono and Rader 

5:30 p.m. Adjournment

Saturday, December 10

6:15 a.m. Third Floor Promenade
Continental Breakfast – America’s Hall

Cardio-Pulmonary and Electrical Failure 2016
Session V: Systolic Heart Failure and Basis for Management
Dr. O’Connor, Presiding

7:00 a.m. Imaging Diagnostic/Prognostic Approaches to Six Cardiomyopathies:
Myocarditis, Dilated, Amyloid, Sarcoid, Hypertrophic, Non-compaction
Dr. Garcia

7:25 a.m. Clinical/Therapeutic Approaches to Three Specific Cardiomyopathies:
Acute/Subacute Myocarditis, AL/TTR Amyloid, Non-compaction 
Dr. Dec

7:50 a.m. Systolic Dysfunction – Early Diagnosis and Therapeutic Advances
Prognostic Circulating Neprilysin and Therapeutic Neprilysin/Enalapril 
Dr. Bayes-Genis

8:15 a.m. Diastolic Dysfunction – Early Diagnosis and Therapeutic Failures
Should Management Be Focused on the Comorbidities?
Dr. O’Connor

8:40 a.m. Support Devices for Acute CHF and Destination LVADs to Exclude Transplant
Expectations, Indications, Benefits and Risks
Dr. Mancini

9:05 a.m. State-of-the-Art Management of Pulmonary Arterial Hypertension:
Based on Understanding of the Various Etiopathogenesis 
Dr. McLaughlin



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Agenda - cont.:

Saturday, December 10 - cont.

9:30 a.m. **Panel Discussion**
Drs. Bayes-Genis, Dec, Garcia, Mancini, McLaughlin and O'Connor 

10:00 a.m. **Coffee Break – America's Hall**

Session VI: Rhythm Disorders, Contemporary and Future Topics of Focus
Dr. Reddy, Presiding

10:20 a.m. **Innovations in Device Therapy and Follow-up Results**
Subcutaneous ICDs, CRTs New Indications, Leadless Pacemakers
Dr. Wilber

10:40 a.m. **Ventricular Tachycardia – Catheter Ablation**
Who? How? When? Results?
Dr. Reddy

11:00 a.m. **Atrial Fibrillation – Catheter Ablation**
Who? How? When? Results?
Dr. Marchlinski

11:20 a.m. **Atrial Fibrillation 2016 – The Fourteen Non-ablation Clinical Challenges**
Quality of Life and Preventing Stroke
Dr. Fuster

11:40 a.m. **Left Atrial Appendage Closure as an Alternative to Anticoagulants** 
Who? How? When? Results?
Dr. Holmes

12:00 p.m. **Panel Discussion**
Drs. Fuster, Holmes, Marchlinski, Reddy and Wilber

12:30 p.m. **Lunch – America's Hall**

Valvular Heart Disease and Aorta — Challenges in 2016
Session VII: Management of Aortic Valve Disease, IHSS and Aorta
Dr. Leon, Presiding

1:30 p.m. **Asymptomatic Severe Aortic Valvular Stenosis**
Diagnostic Approaches and Therapeutic Strategies (LF/LG/NEF/LEF)
Drs. Leon and Vahl

1:55 p.m. **Symptomatic Severe Aortic Valvular Stenosis (LF/LG/NEF/LEF)**
TAVR in Patients at High, Moderate or Low Risk
Drs. Bavaria and Sharma

2:20 p.m. **Symptomatic and Asymptomatic Aortic Valvular Incompetence**
From Medical Therapy to Surgical AVR to Transcatheter AVR (?)
Drs. Bonow and O'Gara



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Agenda - cont.:

2:45 p.m. **Obstructive and Non-obstructive Hypertrophic Cardiomyopathy
Prevalence, Genetics, Natural History and Evolving Management**
Dr. Maron

3:10 p.m. **The Dilated Thoracic and Abdominal Aorta and Complicating Dissection
Evolving Understanding of the Basic Biology and Management**
Dr. Fuster

3:35 p.m. **Panel Discussion**
Drs. Bavaria, Bonow, Fuster, Leon, Maron, O'Gara, Sharma and Vahl

4:00 p.m. **Coffee Break – America's Hall**

Session VIII: Management of Mitral Regurgitation

Dr. Bavaria, Presiding

4:20 p.m. **Symptomatic and Asymptomatic Secondary Mitral Regurgitation (EF, PH, AF)
From Medical Therapy to Surgical MVR to Transcatheter MVR (?)**
Drs. Bavaria and Bonow

4:45 p.m. **Symptomatic and Asymptomatic Primary Mitral Regurgitation (EF, PH, AF)
From Medical Therapy to Surgical MVR to Transcatheter MVR**
Drs. O'Gara and Rodes-Cabau

5:10 p.m. **Transcatheter Therapies for Mitral and Tricuspid Regurgitation
Evolving Approaches Under Investigation**
Dr. Rodes-Cabau

5:30 p.m. **Panel Discussion**
Drs. Bavaria, Bonow, O'Gara and Rodes-Cabau

6:00 p.m. **Adjournment**

Sunday, December 11

6:30 a.m. **Continental Breakfast – America's Hall**

Year in Review: 10 Highlights of Progress in 2016

Session IX: Novelties on Genetics, Cell Regeneration and Molecular Signaling

Dr. Fuster, Presiding

7:30 a.m. **MicroRNAs and Genome Editing – Two Evolving Protagonists in Medicine
A New Understanding of Cardiovascular Physiology, Pathology and Future
Therapies**
Dr. Dorn

7:55 a.m. **Induced Pluripotent Stem Cells and Direct Cardiac Reprogramming – Solving Barriers for a
Powerful Future**
The 2016 New Experimental and Clinical Information
Dr. Ieda

Agenda - cont.:

Sunday, December 11 - cont.

8:15 a.m. Gene Therapy Studies on the “Go” – Solving New Barriers
The 2016 New Cardiovascular Information
Dr. Hajjar

Section X: Novelties on Diagnostic and Therapeutic Strategies

8:35 a.m. Diagnostic and Therapeutic Trends in Congenital Heart Disease
Watch the Next Decade
Dr. Newburger

8:55 a.m. An Evolving Reality of Medicine, Part Genetic, Part Acquired
Two Tangible Examples – The Long QT and The Brugada Syndrome
Dr. Brugada

9:15 a.m. The Rapid Progress of Cardiovascular Imaging
Redefining Its Role in Biomedical Research and Clinical Practice
Dr. Di Carli

9:35 a.m. Handheld Echocardiography – It Depends What Hands Are Holding It
Educational? Diagnostic? Overshadowing the Physical Examination?
Dr. Goldman

9:55 a.m. Hybrid Coronary Revascularization
An Evolving Paradigm in Coronary Care
Dr. Puskas

10:15 a.m. Coffee Break – America’s Hall

Section XI: Perspectives of the Future Based on the Past

10:35 a.m. **HENRY RUSSEK LECTURE 2016**
“The Heart Healers”
Rebels and Risk Takers Behind the Medical Breakthroughs of Our Lives
Dr. Forrester

11:10 a.m. **PAUL DUDLEY WHITE LECTURE 2016**
Experiences from the Platform of “60 Years of Observations”
A Few Reflections for the Medical and Cardiovascular Communities
Dr. DeSanctis

11:45 a.m. Course Adjournment